



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Sunday August 9, 2015

Issued: 0800 CT

Day 1 Hazards: Heat Advisories/Warnings for much of TX, AR, TX and LA

Day 1 Hazards: Marginal risk of strong thunderstorms TX/OK Panhandle and SE LA

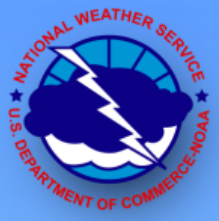
National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Kurt Van Speybroeck
817-978-1100 x 147

Key Points



Sunday - Monday

- Heat Advisories/Excessive Heat Warnings for much of the Region
 - Heat index values of 105-115 for parts of OK/TX/AR and LA
- Strong thunderstorms possible over TX/OK panhandles and southeast LA
- Locally heavy rain may cause flash flooding over eastern and northern NM, particularly over burn scar areas

Tuesday – Thursday

- Heat index values around 105 for parts of FEMA Region 6






Tropical Outlook

- Tropical activity is not expected over the next five days

*FEMA Region 6 Threat Matrix

Aug 9, 2015 - Aug 13, 2015

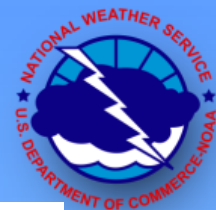
DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Weather	TX/OK Panhandles SE LA				
Heavy Rain /Flash Flooding	NE NM	NE NM			
Heat	Heat Advisories/ Excessive Heat Warnings				
Tropical					
Fire					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We continue to welcome feedback on our new color scale (details in the next slide). Please send comments to sr-srh.roc@noaa.gov.

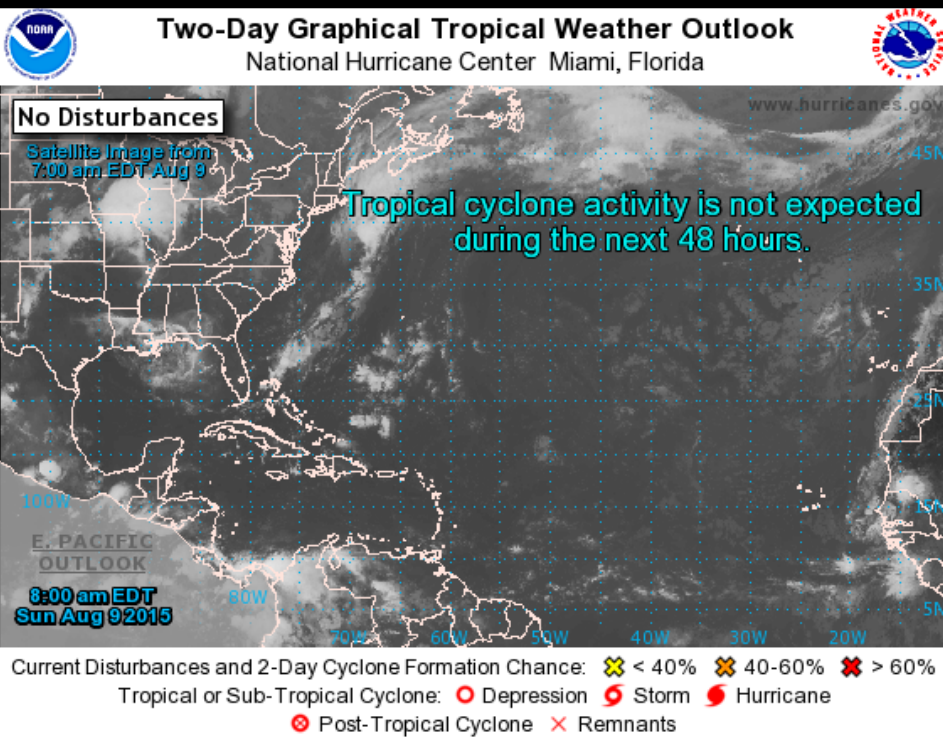


The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.

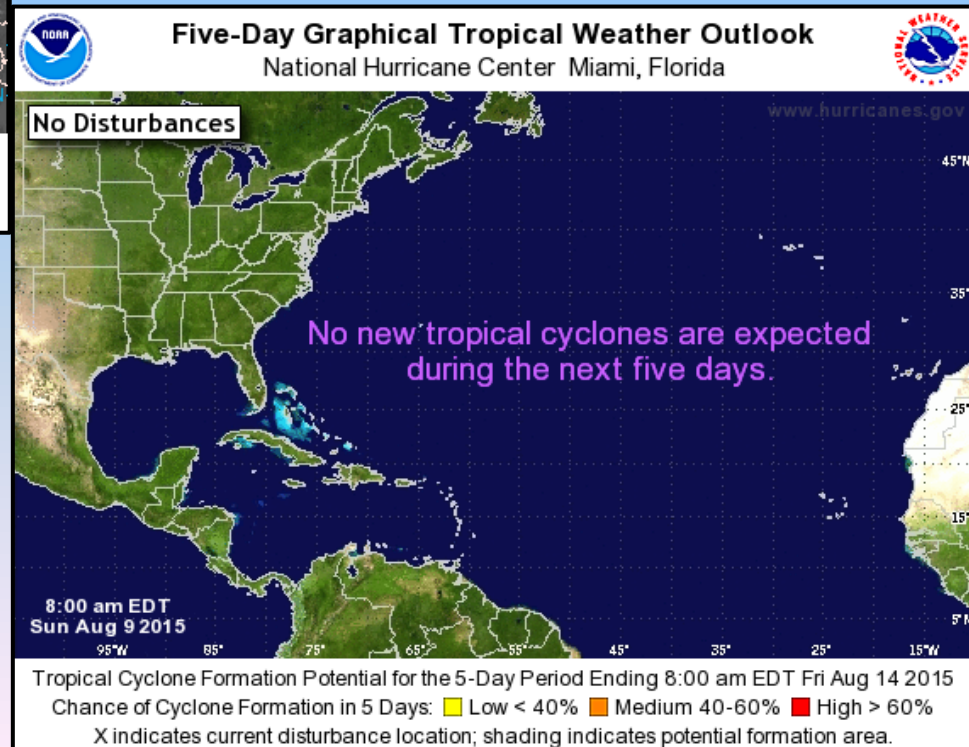


Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as seabreeze storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

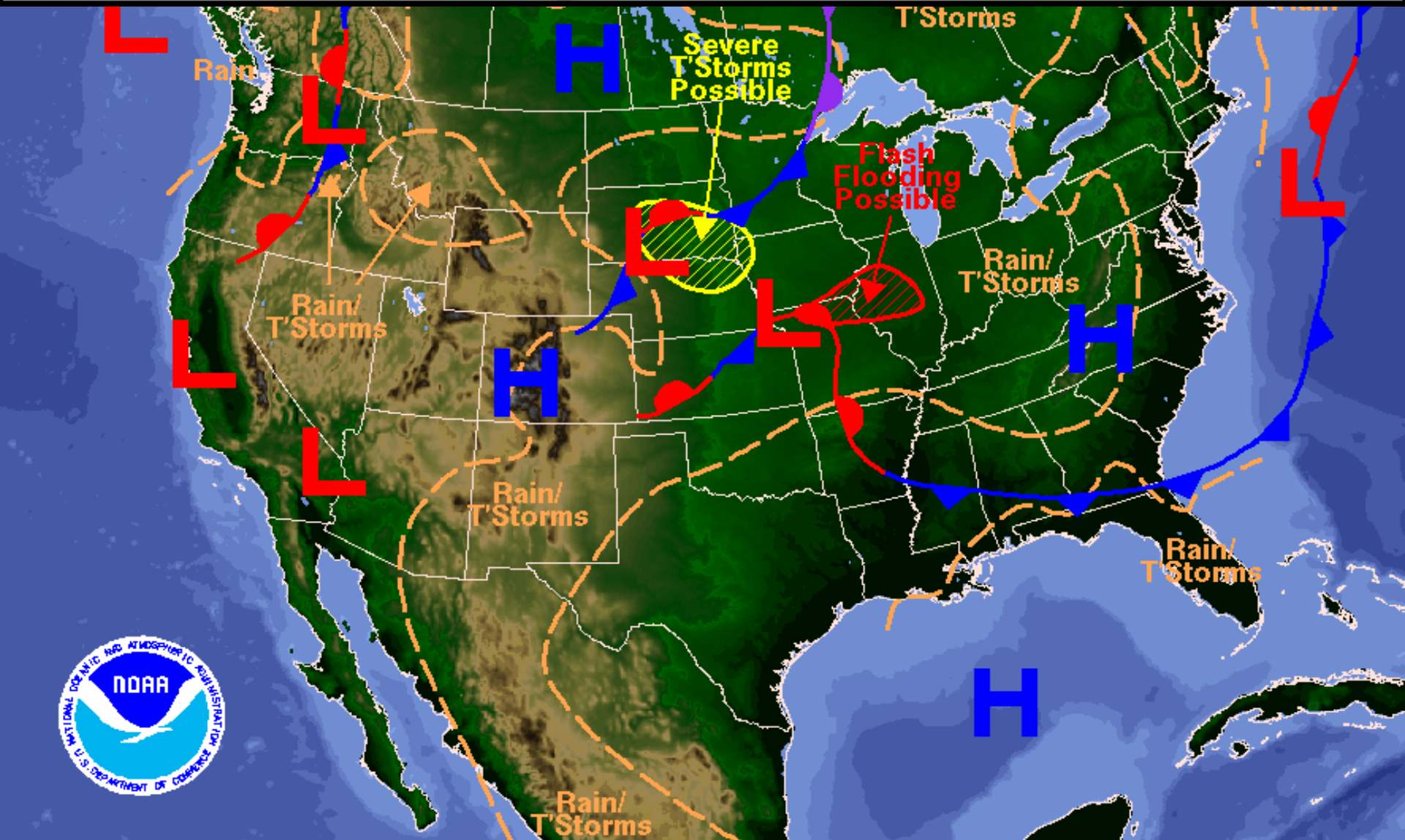
Atlantic/Gulf Tropical Weather Outlook



Tropical cyclone formation is not expected the next 5 days



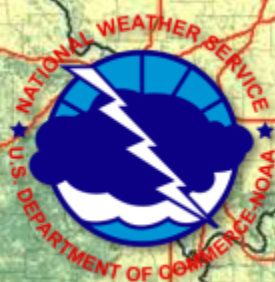
Today's Weather



Weather Forecast for Sun, Aug 09, 2015, issued 4:35 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kong based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards






Valid: 0800 Sun - 0800 Mon



**Strong storms
with heavy rain
possible**

**Heat index 105-115F for much
of TX/OK/AR/LA**

**Strong/severe
storms with heavy
rain
possible**

	Very Common – Happens Often
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***Threat levels are based on FEMA
Region 6 criteria. State or local
threat level criteria may differ.**

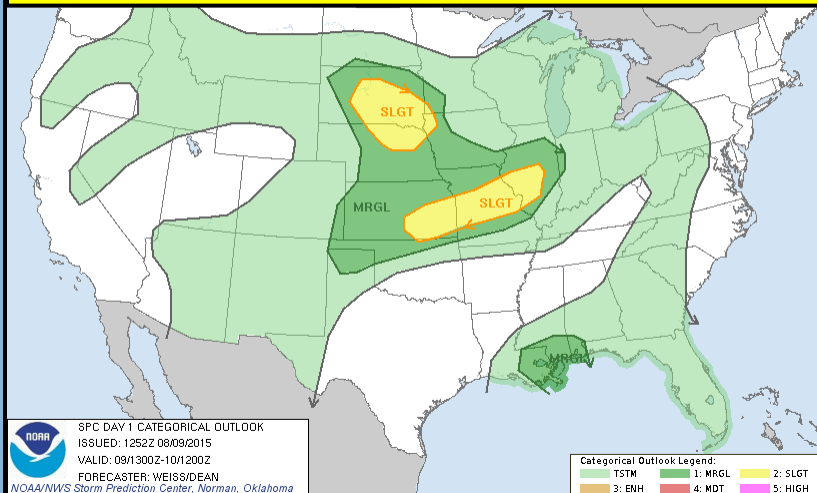


Sunday, August 09, 2015

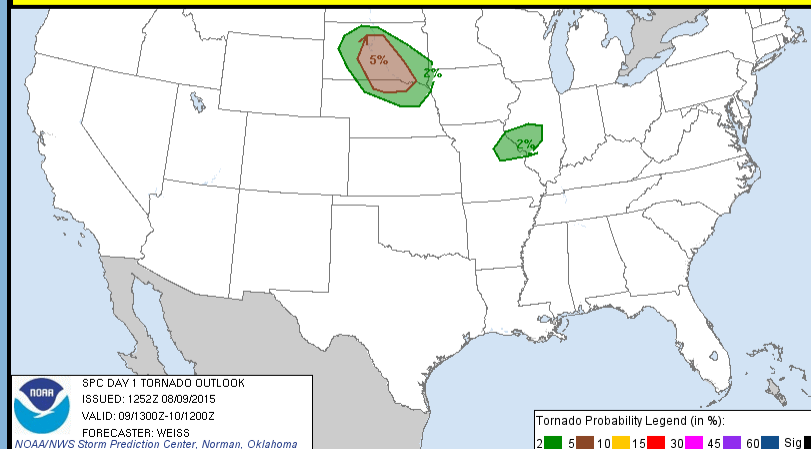
Severe Thunderstorm Potential



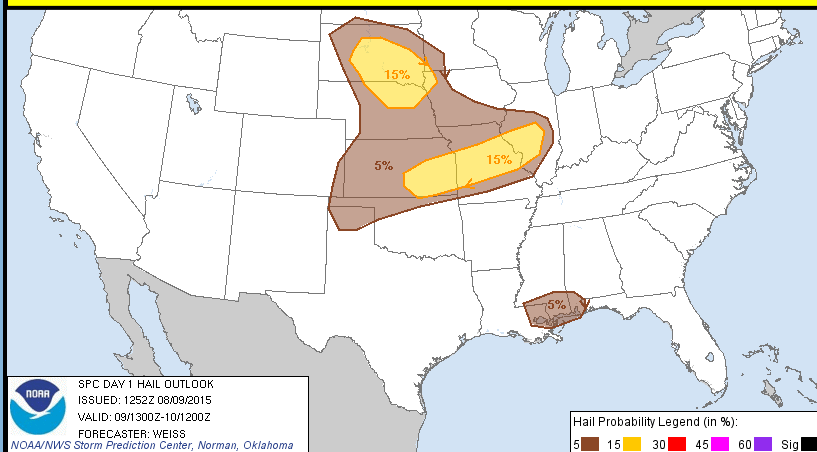
Overall Threat Potential



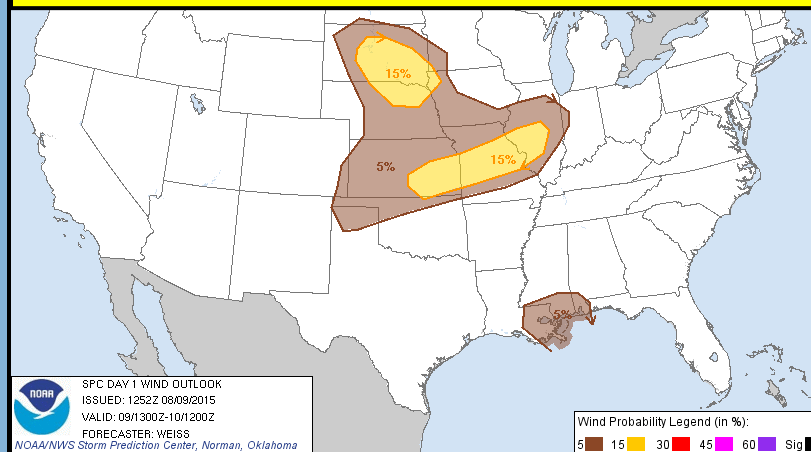
Probability of Tornado within 25 miles of a point



Probability of Damaging Hail within 25 miles of a point



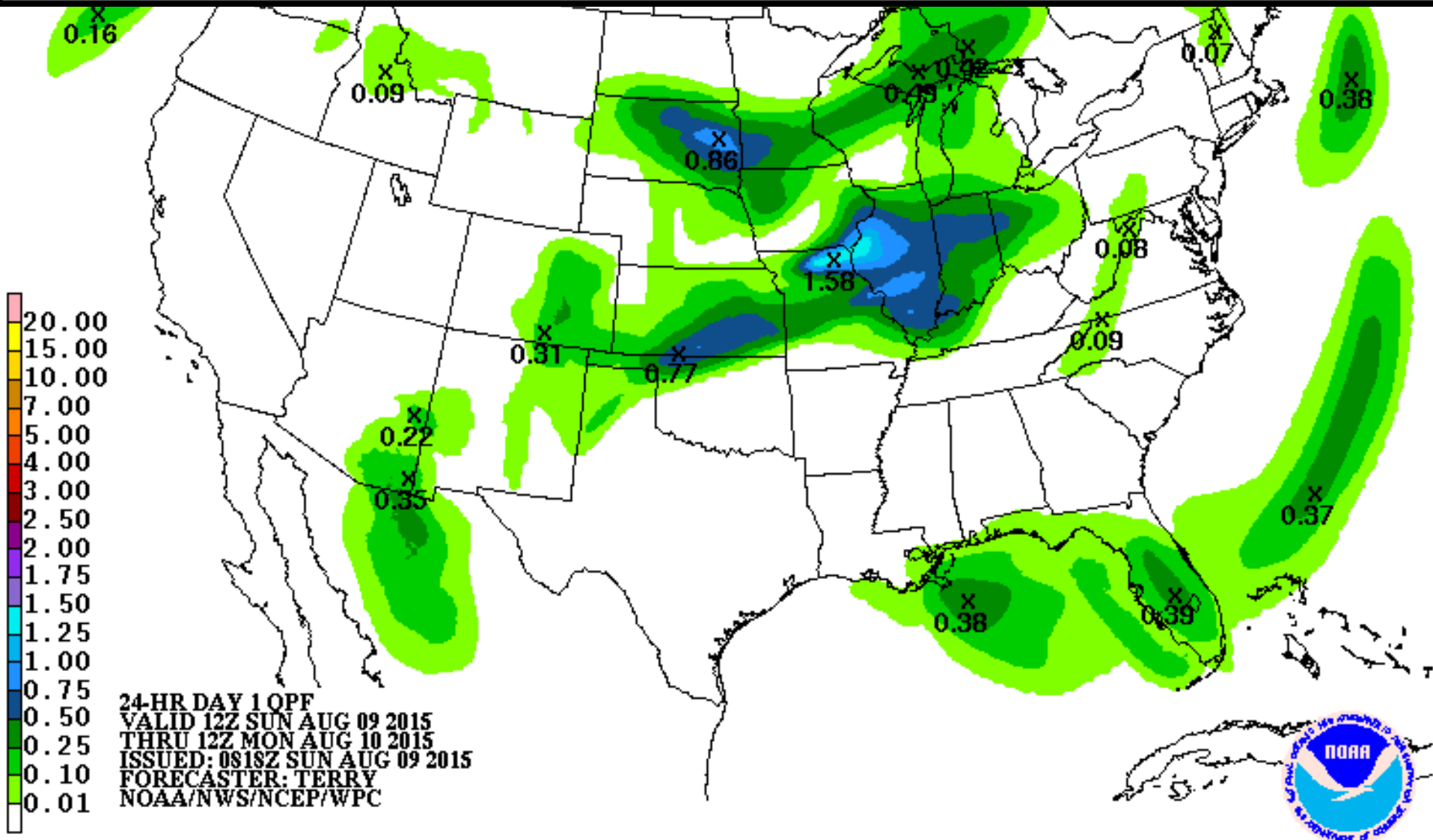
Probability of Damaging Winds within 25 miles of a point



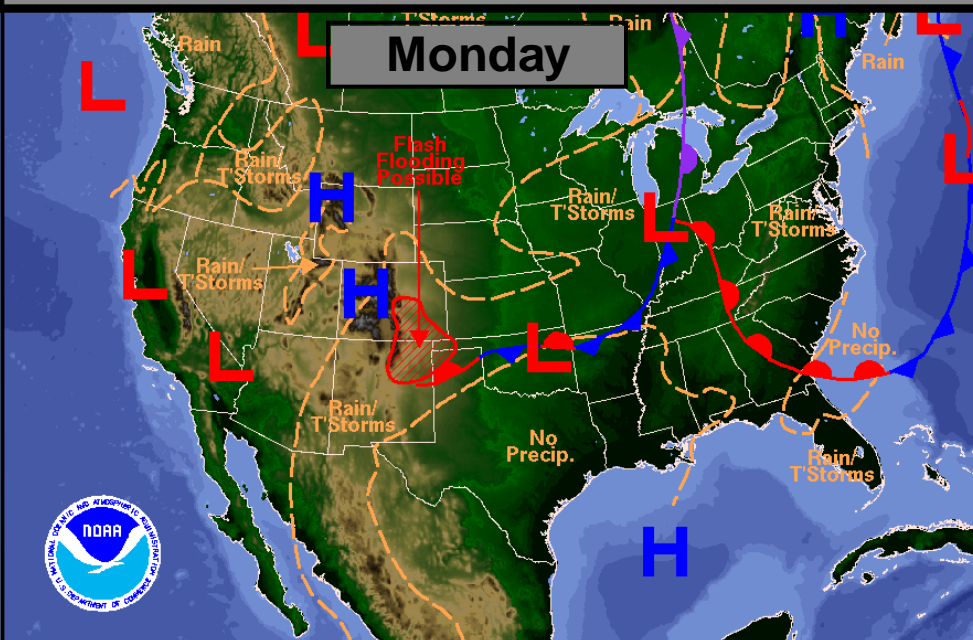
Building a Weather-Ready Nation

Today's Precipitation

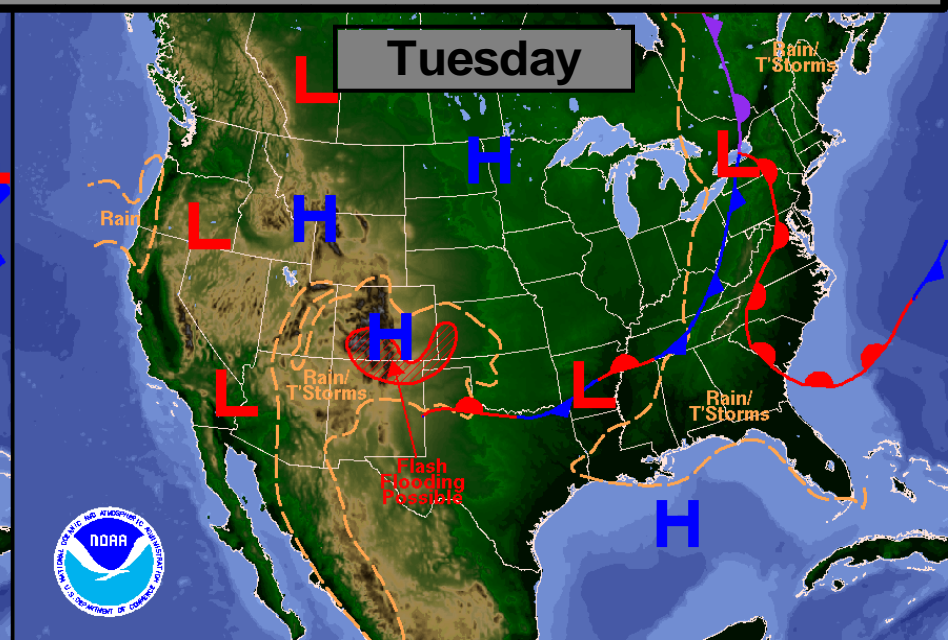
Sun AM - Mon AM



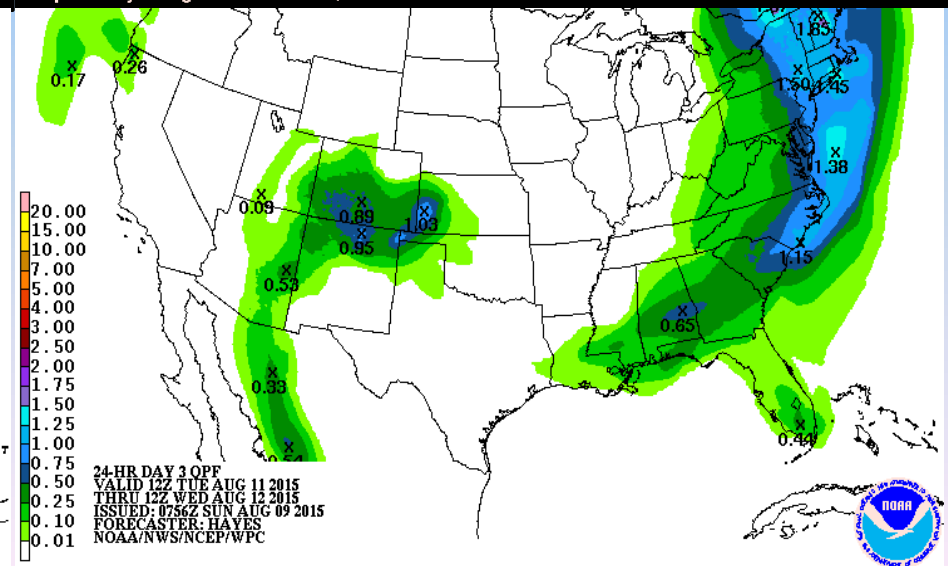
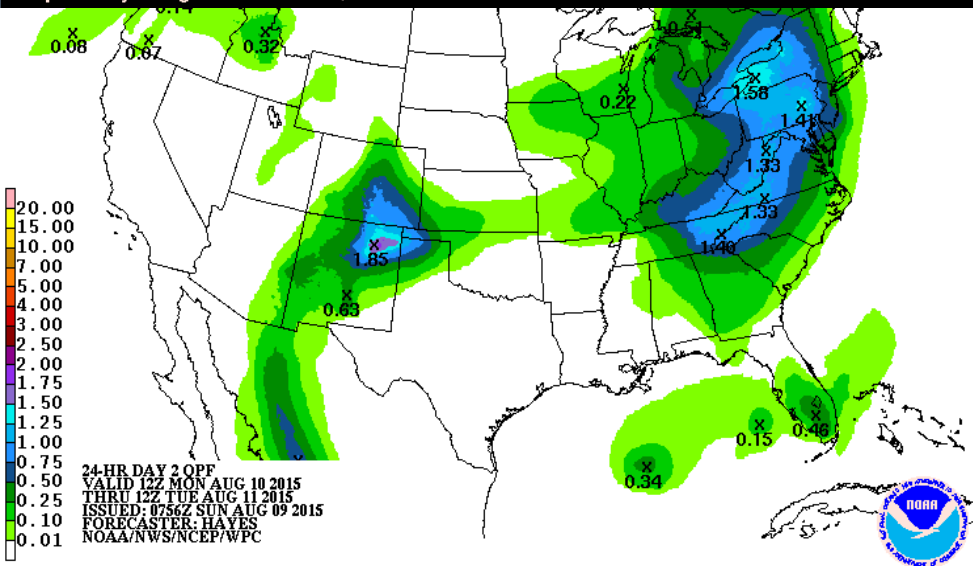
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Mon, Aug 10, 2015, issued 4:47 AM EDT Sun, Aug 09, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Kong based on WPC, SPC and NHC forecasts



Weather Forecast for Tue, Aug 11, 2015, issued 4:55 AM EDT Sun, Aug 09, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Kong based on WPC, SPC and NHC forecasts








Day 2-3 Weather Hazards

Valid: 0800 Mon - 0800 Wed



Localized
heavy
rain/flash
flooding
possible
Monday

Heat index above 105 for
parts of TX/OK/LA

	Very Common – Happens Often
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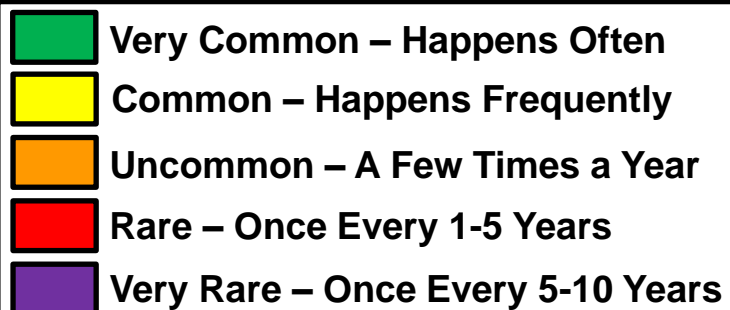
*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



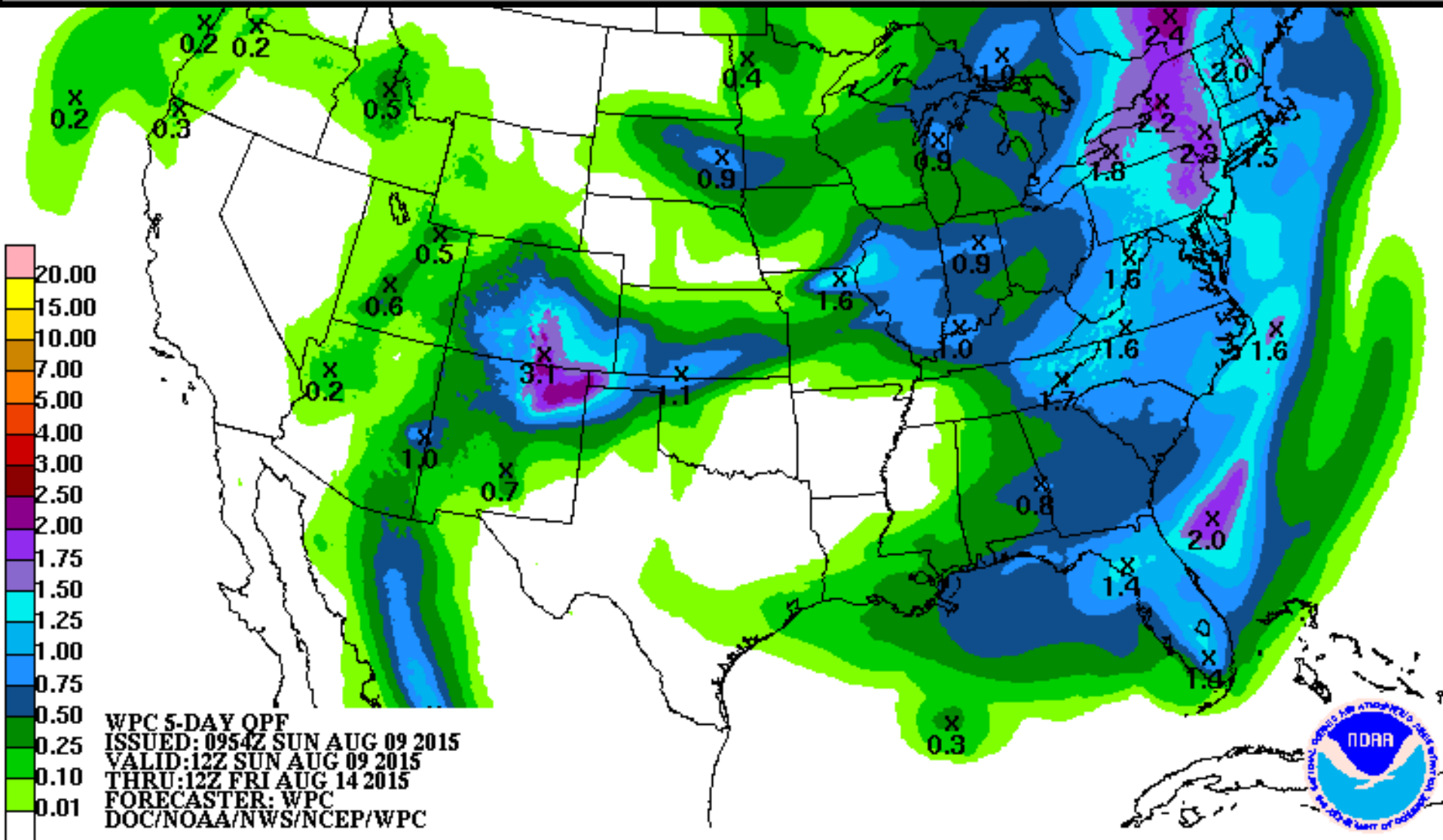
Heat index around 105
for parts of FEMA
Region 6

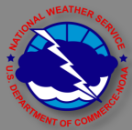


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5-Day Precipitation

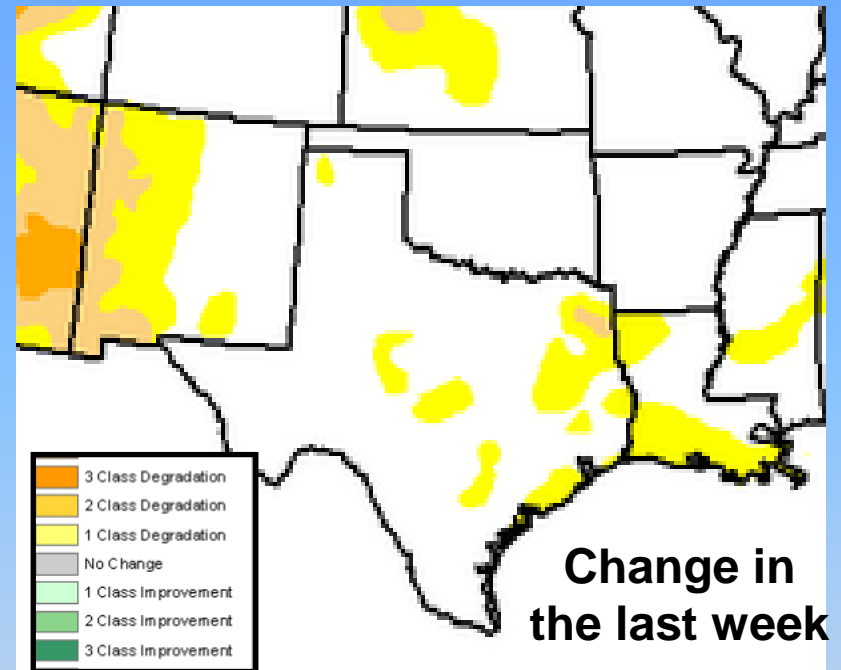
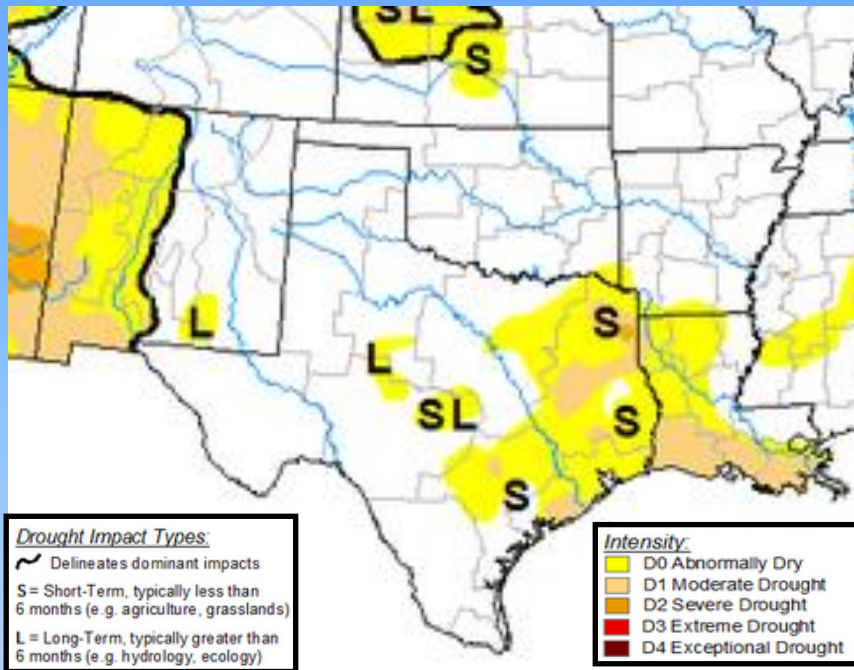
Sun AM - Fri AM





Drought Monitor Released July 30th, 2015

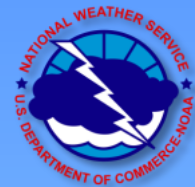
Data valid as of 7am CDT, Tuesday Aug 4, 2015



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	19.95%	16.74%
Texas	0.00%	0.00%	5.48%	13.67%
New Mexico	0.00%	0.00%	0.00%	8.67%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

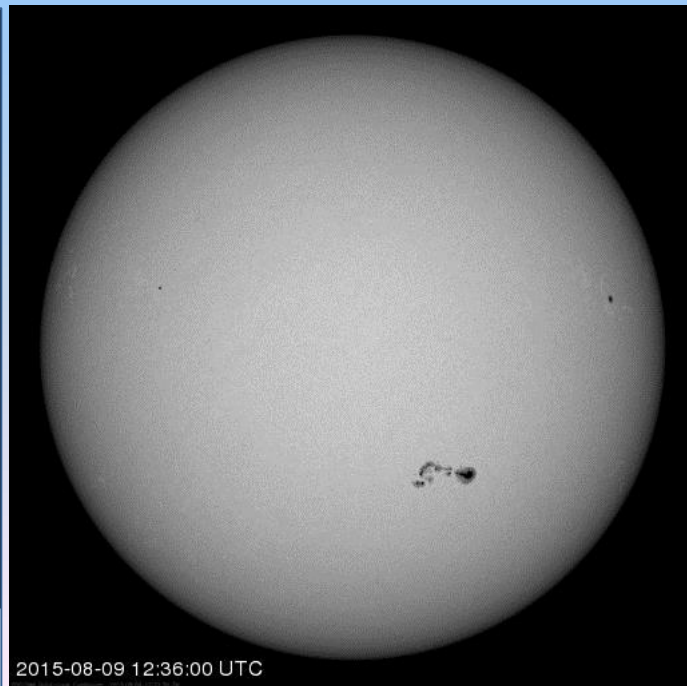
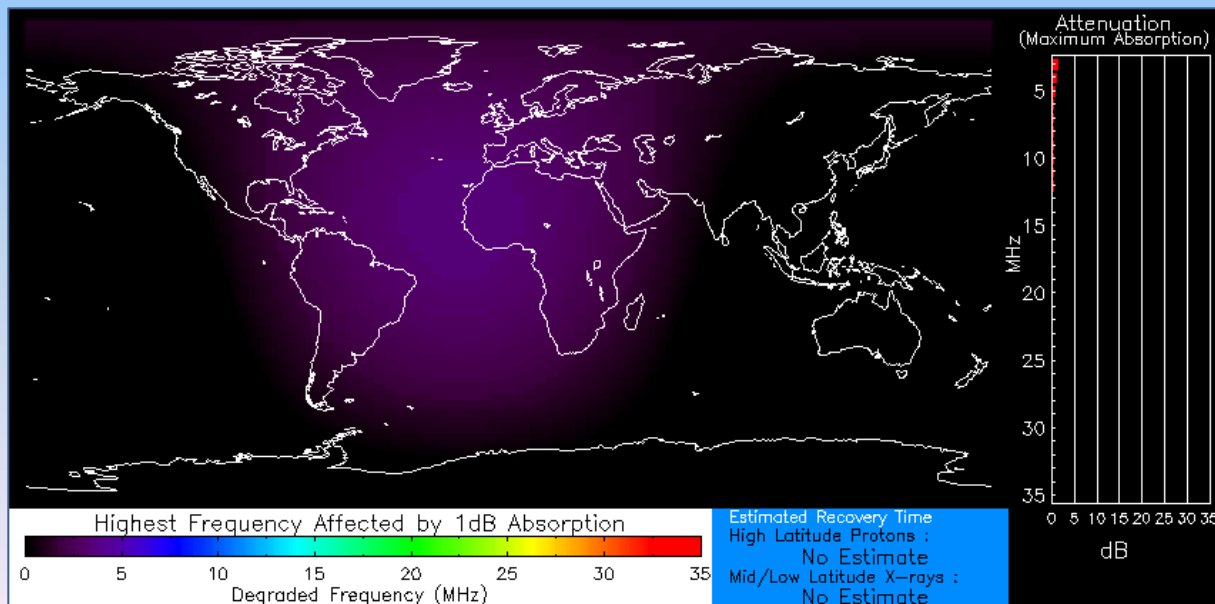
Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	5%	5%
Radio Blackout (R1-R2)	35%	35%	35%
Radio Blackout (R3-R5)	5%	5%	5%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2015-08-09 12:36:00 UTC

Normal X-ray Background
Product Valid At : 2015-08-09 13:12 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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